

Who Owns Older Cars?



DMV Registrations as of
January 1, 2005

Jeffrey Williams

- Are 1975-89 vehicles owned by someone possessing only that one vehicle and living in a poorer community?
- Or, are 1975–89 vehicles owned by someone possessing many vehicles and living in a richer community?

- Registration data provide VIN, plate, date-paid-through, category (e.g., commercial), owner's name and address.
- Vessels, motorcycles, trailers, and vehicles in government fleets were removed, as were those with zip codes outside California.
- US Census data for 2000 provide median income by zip code.
- Provided the zip code has at least 2,000 "housing units", zip codes selected were the 100 highest and 100 lowest by median income throughout California.

Zip Codes in “Rich” Group

90049 90077 90210 90265 90266 90272 90274 90275 90290 90402
91011 91105 91108 91301 91302 91326 91354 91361 91362 91377
91381 91436 92014 92067 92130 92131 92210 92610 92620 92625
92657 92660 92673 92679 92692 92782 92808 92886 92887 93108
93908 93953 94010 94019 94022 94024 94025 94027 94028 94062
94065 94070 94087 94123 94127 94301 94306 94402 94404 94502
94506 94507 94514 94517 94526 94539 94549 94552 94555 94556
94563 94566 94583 94588 94598 94707 94708 94904 94920 94941
95014 95030 95032 95033 95035 95037 95054 95070 95119 95120
95131 95132 95134 95135 95138 95139 95148 95746 95762 95765

Zip Codes in “Poor” Group

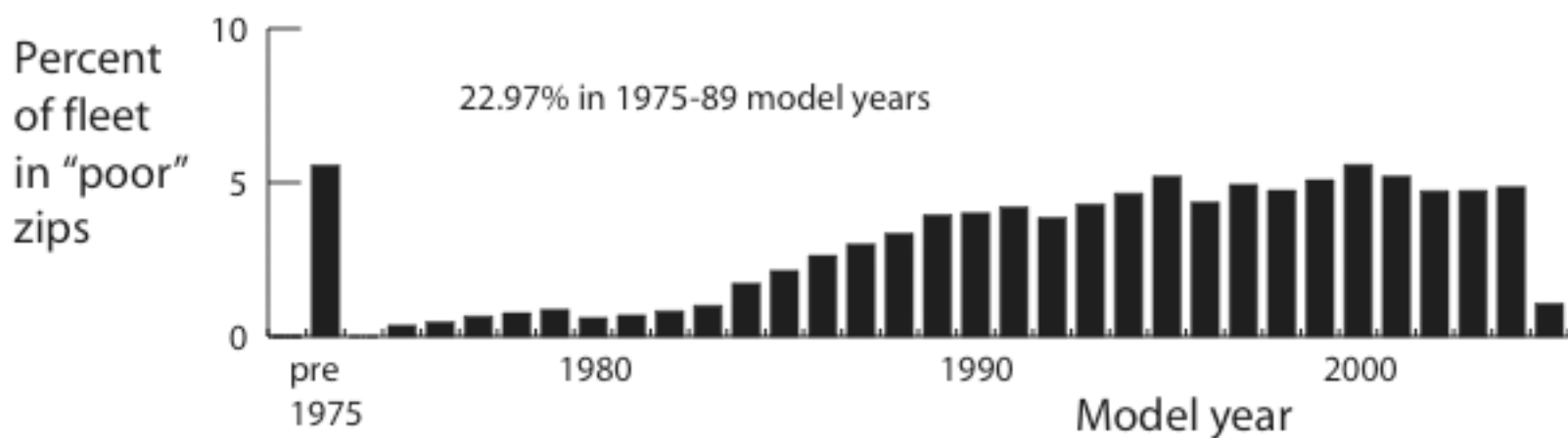
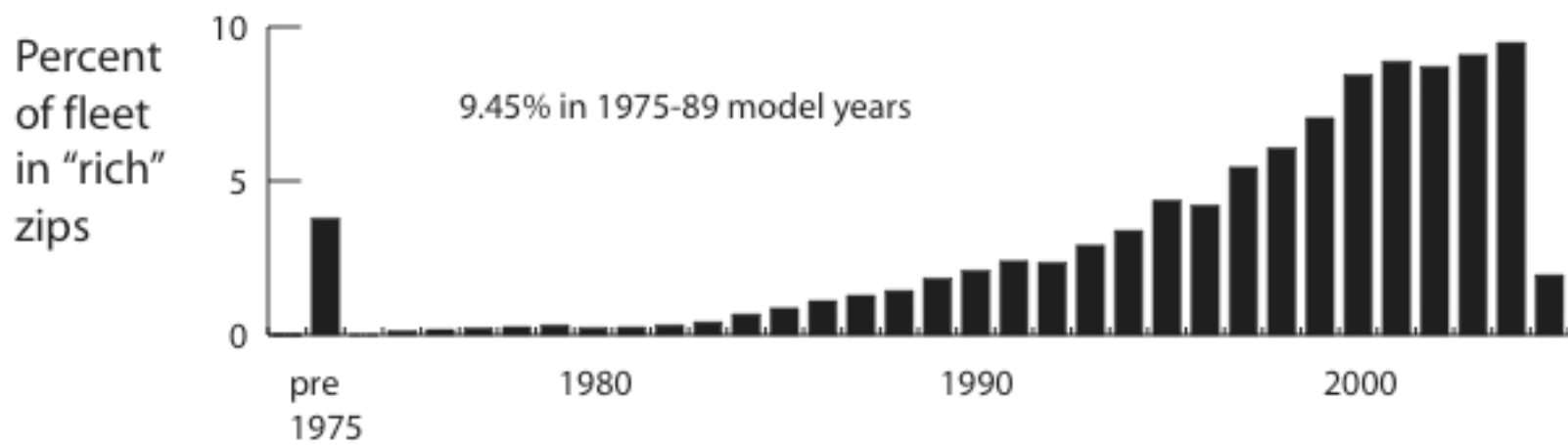
90001 90002 90003 90004 90005 90006 90007 90011 90012 90013
90014 90015 90017 90018 90020 90022 90023 90026 90028 90029
90031 90033 90037 90038 90044 90057 90059 90061 90062 90304
90802 90813 91205 92101 92102 92105 92113 92173 92231 92236
92240 92241 92252 92257 92274 92285 92356 92363 92408 92410
92411 92543 93203 93212 93215 93219 93223 93240 93241 93247
93250 93285 93286 93301 93304 93305 93307 93620 93622 93640
93648 93701 93702 93703 93706 93726 93728 94102 94607 94612
94704 95202 95203 95205 95422 95423 95501 95521 95605 95814
95815 95817 95824 95832 95926 95961 95965 96019 96021 96101

“Rich”

“Poor”

Housing units	856,039	953,924
Vehicles	1,932,865	1,556,222
Median year	1999	1995
% not current	2.18	6.25
% commercial	11.45	22.94
% leased	6.53	2.54
% vanity plate	6.10	1.82

Age Profile in the 100 "Rich" and "Poor" Zips



1975-89 Subset

	<u>“Rich”</u>	<u>“Poor”</u>
Vehicles	182,587	357,457
% not current	10.09	16.09
% commercial	19.77	28.26
% leased	0.11	0.10
% vanity plate	6.27	1.20

Determination of a “Household” of Vehicles

2GKM228	810 PLUM LN	95616	WILLIAMS JEFFREY
4EAR752	810 PLUM LN	95616	WILLIAMS JEFFREY

Determination of a “Household” of Vehicles

810 PLUM LN STRAZDES DIANA

810 PLUM LN WILLIAMS JEFFREY OR STRAZDES DIANA

Determination of a “Household” of Vehicles

360 2ND #15

360 SECOND ST APT 15

TAYLOR NED

TAYLOR EDWARD

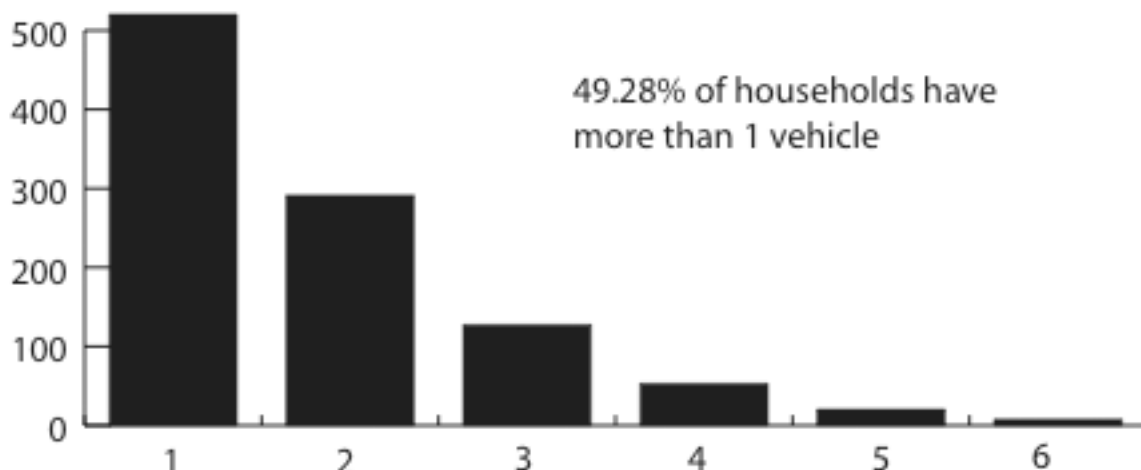
“Rich”

“Poor”

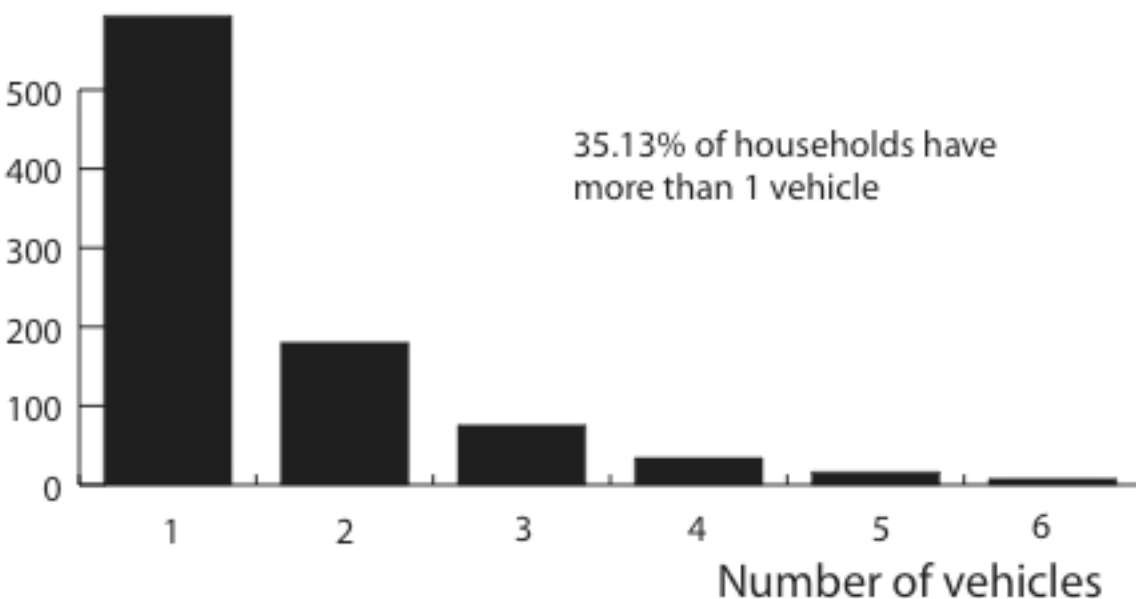
Vehicles	1,932,865	1,556,222
>15 vehicles	34,169	41,254
Households	1,025,953	914,813

Vehicles by "households" in the 100 "Rich" and "Poor" Zips

Households
with that
number of
vehicles
in "rich"
zips (1000s)

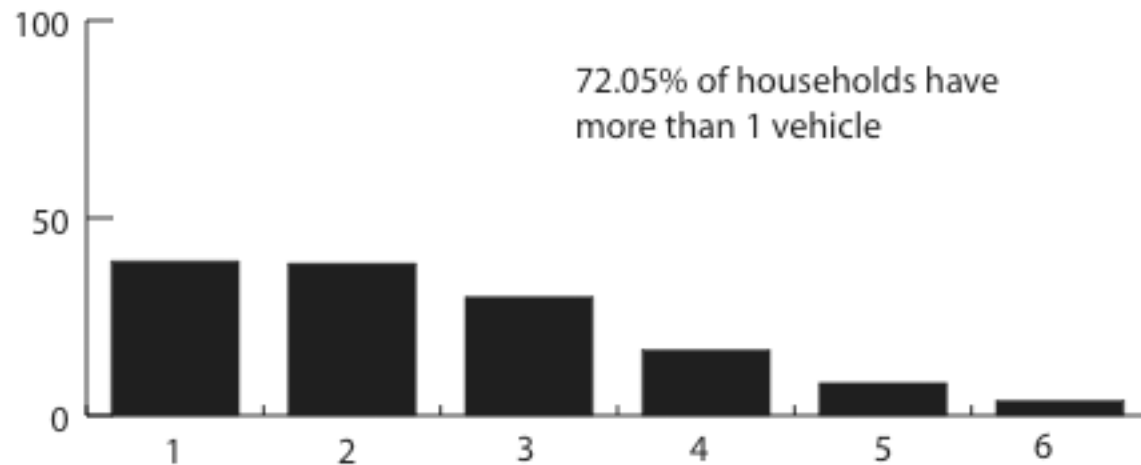


Households
with that
number of
vehicles
in "poor"
zips (1000s)

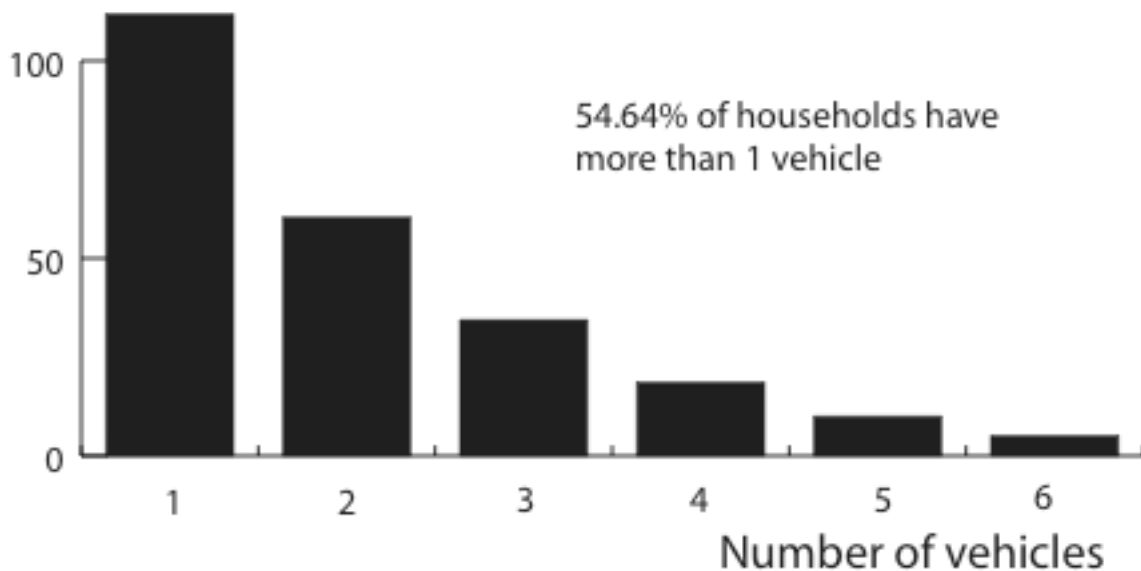


Size of “households” should one vehicle be a “current” 1975-89

Households
with that
number of
vehicles
in “rich”
zips (1000s)



Households
with that
number of
vehicles
in “poor”
zips (1000s)



Households With at Least One 1975-89 “Current” Vehicle

	<u>“Rich”</u>	<u>“Poor”</u>
Households	139,669	246,481
% with another 2000-05	38.16	18.34
% with another commercial	17.51	21.26
% with another leased	3.50	1.14
% with another with vanity plate	7.95	1.76

Answers and Further Questions

- The owners of older vehicles live in rich as well as poor communities, but many live in poor communities.
- The owners of older vehicles usually own at least one other vehicle, which often has a commercial registration, but many own just that one older vehicle.
- Is an out-of-date registration related to performance on Smog Check?
- How many miles are these older vehicles driven, depending on the other vehicles in the household?
- Do these older vehicles fail Smog Check, depending on the other vehicles in the household?